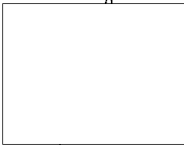


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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	USSR (Leningrad Oblast)	REPORT	
SUBJECT	Soviet Research on Computers and Servo Controls at Institute 49, Leningrad	DATE DISTR.	27 April 1954
DATE OF INFO.		NO. OF PAGES	4
PLACE ACQUIRED		REQUIREMENT	50X1-HUM
		REFERENCES	50X1

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
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COUNTRY : USSR (Leningrad Oblast)  
SUBJECT : Soviet Research on Computers and Servo Controls at Institute 49, Leningrad  
PLACE ACQUIRED  
DATE ACQUIRED  
DATE OF IN

DATE DISTR. 25 MAR. 54  
NO. OF PAGES 3  
NO. OF ENCLS. (LISTED BELOW)  
SUPPLEMENT TO REPORT NO. 50X1-HUM

THIS IS UNEVALUATED INFORMATION

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1.

[redacted] the Soviets asked questions after the middle of 1949 which were connected with problems that had been worked on by the Germans in previous years. By the middle of 1949 [redacted] Dr. WOLFF [redacted] had been transferred to the same rooms where the majority of the Germans (MUMMERT group) worked. This enabled [redacted] observe several times during the later years that the Soviets made inquiries about projects which [redacted] had long been completed and/or discarded.

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2.

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[redacted] all these questions were concerned with the design and construction of computers, which had been made by the KUMMERT group. [redacted]

several design versions had been made during these years. The only exception [redacted] was a Soviet inquiry to Dr. WOLFF, regarding the frequency stabilized micro-wave generator [redacted] 7. This inquiry took place perhaps 9 to 12 months after this project had been canceled under the already described circumstances. [redacted]

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3.

[redacted] these projects were probably reconsidered again by the Soviets and perhaps further developed without any German participation. [redacted] this opinion was also shared by other Germans. [redacted]

4.

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The Soviets, who came into [redacted] room in these later years and asked questions about earlier projects, were definitely personnel from NII 49. [redacted]

[redacted] they belonged to some of the purely Soviet departments which were possibly concerned with the same or a similar type of work performed by the separate German KUMMERT group [redacted]

[redacted] the inquiry, unknown Soviets appeared to be not too familiar with the problems. But that was possibly in line with the Soviet attitude, which especially in the last years was "don't let the Germans know what we are after!" In other words, they sent a messenger and not the real researcher. [redacted]

5.

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The term "servo control" is used for electro-mechanical computers (Elektro-mechanische Rechner).

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6.

[redacted] the work of the MUMMERT group at NII 49 in Leningrad was concerned solely with ground station computers;

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[redacted] reconstruction and improvements of computers for "Wasserfall" was the essential task of the MUMMERT group. No other details and information with regard to missiles are known [redacted]

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7.

Only electro-mechanical controls were worked on.

8.

ing. LANGENBACH.

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his work at NII 49 consisted mainly of design and calculation of mechanical equipment for computers, for example, gears, transmission, curve-disks, etc. Ing. LANGENBACH had the reputation of being rather conservative in his work, and not much in favor of new constructions, but very accurate and experienced in his field.

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Professionally he got along well with Soviet personnel at NII 49.

9.

The other "Department for Mechanical Control" on the organization chart of NII 49 [redacted]

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[redacted] should be labelled: "Technical Control Section (OTK)." Functions and personnel (only Soviet employees) of this department are unknown [redacted] except that it checked the quality and norms of materials. [redacted] such checked materials were stamped (rubber stamp?) with the letters OTK in a triangle design. [redacted]

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[redacted] none of the Germans had any contact with this section.

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